#### **BUREAU OF PUBLIC WATER SUPPLY**

## CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Harmony Water Association, Inc.
Public Water Supply Name

120005 #2#3 120016 #2#3#4 120018 120028 List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act requires each *community* public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

| Please        | Answer the Fo                     | llowing Questions Regarding the Consumer Confidence Report   |
|---------------|-----------------------------------|--|
|               | Customers we                      | ere informed of availability of CCR by: (Attach copy of publication, water bill or other)  |
|               | <b>X</b>                          | Advertisement in local paper On water bills Other  |
|               | Date custom                       | ers were informed: 6 / 25/ 09  |
|               | CCR was dis                       | stributed by mail or other direct delivery. Specify other direct delivery methods:   |
|               | Date Mailed/I                     | Distributed://   |
| N             | CCR was publ                      | lished in local newspaper. (Attach copy of published CCR or proof of publication)  |
|               | Name of News                      | spaper: The Clarke County Tribune  |
|               | Date Published                    | d: <u>6 /25 / 09</u>   |
|               | CCR was post                      | ed in public places. (Attach list of locations)  |
|               | Date Posted:_                     |  |
|               | CCR was post                      | ed on a publicly accessible internet site at the address: www  |
| CERT          | <b>IFICATION</b>                  |  |
| the for       | n and manner i<br>ent with the wa | consumer confidence report (CCR) has been distributed to the customers of this public water system in dentified above. I further certify that the information included in this CCR is true and correct and is ater quality monitoring data provided to the public water system officials by the Mississippi State Bureau of Public Water Supply. |
| Jeff.<br>Dame | MMM/jr.<br>Title (President       | Mayor, Owner, etc.)  6-30-09  Date   |
|               | Mail C                            | ompleted Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215<br>Phone: 601-576-7518   |

## Annual Drinking Water Quality Report Harmony Water Association, Inc. June, 2009 RECEIVED-WATER SUPPLY

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed a Bulke excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request.

We're pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Daniel Dearman at 601-776-2593 or 118 Long Blvd. Quitman. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the third Monday of every month at 4:30 PM at the Harmony Water Association office, and our annual meeting is held the third Monday of October. You will receive a notice of location and time.

Harmony Water Association routinely monitors for 154 constituents in your drinking water according to federal and state laws. This table shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2008. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions.

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Action Level — The concentration of a contaminant which, if exceeded, triggers water treatment or other requirements which a water system must follow. Treatment Technique (TT) — A treatment technique is a required process intended to reduce the level of a contaminant in drinking water

PWS # 120028 - North Enterprise- Lower Wilcox Aquifer

|                   |                  |                   | Lower susc        | ceptibility to co                                  | ntamination         |      | 1   |  |
|-------------------|------------------|-------------------|-------------------|--|---------------------|------|-----|--|
|                   |                  |                   |                   | TEST R   | ESULTS              |      |     |  |
| Contaminant       | Violation<br>Y/N | Date<br>Collected | Level<br>Detected | Range of Detects or # of Samples Exceeding MCL/ACL | Unit<br>Measurement | MCLG | MCL | Likely Source of<br>Contamination  |
| Radioactive       | Contam           | inants            |                   |  |                     |      |     |  |
| 5. Alpha emitters | N                | 2002*             | 1.0               | No Range   | PCi/1               | 0    | 15  | Erosion of natural deposits  |
| Inorganic Co      | ontamin          | ants              |                   |  |                     |      |     |  |
| 7. Antimony       | N                | 2008              | .0005             | 1  | Ppm                 | 6    | 6   | Discharge from<br>petroleum refineries;<br>fire retardants;<br>ceramics; electronics;<br>solder  |
| 8. Arsenic        | N                | 2008              | .0005             | No Range   | Ppb                 | n/a  | 50  | Erosion of natural<br>deposits; runoff from<br>orchards; runoff from<br>glass and electronics<br>production wastes                       |
| 10. Barium        | N                | 2008              | .016987           | No Range   | Ppm                 | 2    | 2   | Discharge of drilling<br>wastes; discharge from<br>metal refineries;<br>erosion of natural<br>deposits                                   |
| 11. Beryllium     | N                | 2008              | .0001             | No Range   | Ppb                 | 4    | 4   | Discharge from metal<br>refineries and coal-<br>burning factories;<br>discharge from<br>electrical, aerospace,<br>and defense industries |
| 12. Cadmium       | N                | 2008              | .0001             | No Range   | Ppb                 | 5    | 5.  | Corrosion.of.  gglvanizadtpipes;  coosion of natural  deposits; discharge deposits; discharge  |

|                                  |         |               |                |              |      |     |        | from metal refineries  |
|----------------------------------|---------|---------------|----------------|--------------|------|-----|--------|--|
| 13. Chromium                     | N       | 2008          | .000533        | No Range     | Ppb  | 100 | 100    | Discharge from steel<br>and pulp mills; erosion<br>of natural deposits   |
| 14. Copper                       | N       | 2008          | 0.3            | 0            | Ppm  | 1.3 | AL=1.3 | Corrosion of household<br>plumbing systems;<br>erosion of natural<br>deposits; leaching from<br>wood preservatives               |
| 16. Fluoride                     | N       | 2008          | 0.1            | 0            | Ppm  | 4   | 4      | Erosion of natural deposits: water additive which promotes strong teeth: discharge from fertilizer and aluminum factories        |
| 17. Lead                         | N       | 2008          | 2              | 0            | ppb  | 0   | AL=15  | Corrosion of household<br>plumbing systems,<br>erosion of natural<br>deposits  |
| 18. Mercury<br>(inorganic)       | N       | 2008          | .0002          | No Range     | Ppb  | 2   | 2      | Erosion of natural<br>deposits; discharge<br>from refineries and<br>factories; runoff from<br>landfills; runoff from<br>cropland |
| 19. Nitrate(as<br>Nitrogen)      | N       | 2008          | .08            | No Range     | Ppm  | 10  | 10     | Runoff from fertilizer<br>use: leaching from<br>septic tanks, sewage:<br>erosion of natural<br>deposits                          |
| 20. Nitrite(as<br>Nitrogen)      | N       | 2008          | .02            | No Range     | Ppm  | 1   | 1      | Runoff from fertilizer<br>use: leaching from<br>septic tanks, sewage:<br>erosion of natural<br>deposits                          |
| 21. Selenium                     | N       | 2008          | .0005          | No Range     | ppb  | 50  | 50     | Discharge from<br>petroleum and metal<br>refineries; erosion of<br>natural deposits;<br>discharge from mines                     |
| 22. Thallium                     | N       | 2008          | .0005          | 0            | Ppm  | 2   | 2      |  |
| Disinfection                     | By Pro  | ducts         | ······•        | <u></u>      |      |     |        | <u> </u>   |
| 73. TTHM [Total trihalomethanes] | N       | 2006*         | .080           | No Range     | ppb  | 0   | 100    | By-product of drinking water chlorination  |
| HAA5                             | N       | 2006*         | .060           | No Range     | ppm  | 0   | .060   | By-product of drinking water chlorination  |
| Chlorine(asCl2)                  | N       | 2008          | 0.42           | 0.40 0.43    | Mg/L | N/A | 4      | Water Additives; used to control microbes  |
| 76. Xylenes                      | N       | 2008          | 5              | No Range     | Ppb  | 10  | 10     | Discharge from   |
|                                  |         |               |                | 1.10.1111190 | 1-10 |     |        | Discharge from   |
| Volatile Orga                    | inic Co | ntamina<br>   | nts<br>        | <u> </u>     |      |     |        |  |
|                                  |         |               |                |              |      |     |        |  |
|                                  | ******  | t Recent Samn | la Pagulta Ava | la bla       |      |     |        |  |

\*Most Recent Sample Results Available
We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/ test for chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. Our water system failed to complete these monitoring requirements in January 1 2006 through January 31 2006. We did complete the monitoring requirements for bacteriological sampling that showed no coli form present. In an effort to ensure systems complete all monitoring

requirements, MSDH now notifies system of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Harmony Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerened about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking water Hotline or at <a href="http://www.epa.gov/safewater/lead">http://www.epa.gov/safewater/lead</a>. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

Some People may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from Safe Drinking Water Hotline (800-426-4791).

#### \*\*\*\*A MESSAGE FROM MSDH CONCERING RADIOLOGICAL SAMPLING \*\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 — December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518

Please call our office if you have questions.

We at Harmony Water Association work hard to provide quality water at every tap. We ask that all customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

#### Annual Drinking Water Quality Report Harmony Water Association, Inc. June, 2009

RECEIVED-WATER SUPPLY
2009 JUL - 1 AM 9: 03

burning factories: discharge from electrical, aerospace, and defense industries

Pipes: erosion of

natural deposits: discharge from metal

refineries:

Corrision of galvanized

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#4

#3

N

12. Cadmium #2

2007\*

2008

2007\*

2007\*

.0001

.0001

.0001

No Range

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PWS # 120016-#2 #3 #4 - Sandy Basin & Hwy 514 Wells - Lower Wilcox Aquifer Lower susceptibility to contamination

TEST RESULTS Violation Date Level Range of Contaminant Unit MCLG MCL Likely Source of Y/N Collected Detected Detects or Measurement Contamination # of Samples Exceeding MCL/ACL Radioactive Contaminants 4. Beta/photon 1998\* 3.6 No Range PCi/l 0 Decay of natural and emitters man-made deposits **Inorganic Contaminants** 7. Antimony #2 .0005 2008 1 Ppm 6 Discharge from #3 2007\* petroleum refineries; #4 2007\* fire retardants; ceramics; electronics; solder 8. Arsenic #2 N 2008 .0005 No Range Ppb n/a 50 Erosion of natural 2007\* deposits; runoff from #4 2007\* orchards; runoff from glass and electronics production wastes 10. Barium #2 N 2008 .006971 No Range Ppm 2 Discharge of drilling 2007\* #3 .001189 wastes; discharge from 2007\* #4 .126472 metal refineries: erosion of natural deposits 11. Beryllium #2 N 2008 .0001 No Range Ppb 4 Discharge from metal #3 2007\* refineries and coal-

Ppb

5

| 13. Chromium #2<br>#3<br>#4             | N       | 2008<br>2007*<br>2007* | .0005<br>.0005<br>.0005   | No Range  | Ppb  | 100 | 100    | Discharge from steel<br>and pulp mills; erosion<br>of natural deposits   |
|---|---------|------------------------|---------------------------|-----------|------|-----|--------|--|
| 14. Copper #2<br>#3<br>#4               | N       | 2008                   | 0.2                       | 0         | ppm  | 1.3 | AL=1.3 | Corrosion of household<br>plumbing systems;<br>erosion of natural<br>deposits; leaching from<br>wood preservatives                       |
| 16. Fluoride #2<br>#3<br>#4             | N       | 2008<br>2007*<br>2007* | .01<br>.01<br>.01         | 0         | ppm  | 4   | 4      | Erosion of natural<br>deposits; water additive<br>which promotes strong<br>teeth; discharge from<br>fertilizer and aluminum<br>factories |
| 17. Lead #2<br>#3<br>#4                 | Ň       | 2008                   | 2                         | 0         | ppb  | 0   | AL=15  | Corrosion of household<br>plumbing systems,<br>erosion of natural<br>deposits  |
| 18. Mercury #2<br>(inorganic) #3<br>#4  | N       | 2008<br>2007*<br>2007* | .0002                     | No Range  | Ppb  | 2   | 2      | Erosion of natural<br>deposits: discharge<br>from refineries and<br>factories: runoff from<br>landfills: runoff from<br>cropland         |
| 19. Nitrate(as #2<br>Nitrogen) #3<br>#4 | N       | 2008                   | .08                       | No Range  | Ppm  | 10  | 10     | Runoff from fertilizer<br>use: leaching from<br>septic tanks, sewage:<br>erosion of natural<br>deposits                                  |
| 20. Nitrite(as #2<br>Nitrogen #3<br>#4  | N       | 2008                   | .02                       | No Range  | Ppm  | 1   | 1      | Runoff from fertilizer<br>use: leaching from<br>septic tanks, sewage:<br>erosion of natural<br>deposits                                  |
| 21. Selenium #2<br>#3<br>#4             | N       | 2008<br>2007*<br>2007* | .000676<br>.0005<br>.0005 | No Range  | ppb  | 50  | 50     | Discharge from<br>petroleum and metal<br>refineries; erosion of<br>natural deposits;<br>discharge from mines                             |
| 22. Thallium #2<br>#3<br>#4             | N       | 2008<br>2007*<br>2007* | .0005                     | 0         | Ppm  | 2   | 2      | Leaching from ore-<br>processing sites:<br>discharge from<br>electronics, glass, and<br>drug factories                                   |
| Disinfectant                            | By Pro  |                        |                           |           |      |     |        |  |
| 59. p-<br>Dichlorobenzene               | N       | 2006*                  | 0.80                      | No Range  | Ppb  | 0   | 100    | By-product of drinking water chlorination  |
| HAA5                                    | N       | 2006*                  | .060                      | No Range  | Ppm  | 0   | 60     | By-product of drinking water chlorination  |
| Chlorine(asCl2)                         | N       | 2008                   | 0.57                      | 0.51 0.58 | Mg/L | n/a | 4      | Water Additives; used to control microbes  |
| Volatile Org                            | anic Co | ntamina                | nts                       |           |      |     |        |  |
| 76. Xylenes                             | N       | 2008                   | 0.5                       | No Range  | Ppm  | 10  |        | Discharge from petroleum factories; discharge from chemical factories  |

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PWS # 120005 Well #2 & #3 - Harmony Well - Sparta Sand Aquifer.

Moderate susceptibility to contamination TEST RESULTS Contaminant Violation Date Level Range of Unit MCLG MCL Likely Source of Y/N Collected Detected Detects or Measurement Contamination # of Samples Exceeding MCL/ACL Radioactive Contaminants 4. Beta/photon 2002\* 0.80 No Range PCi/l 0 Decay of natural and manemitters made deposits 5. Alpha emitters N 2002\* 1.0 PCi/1 No Range 0 15 Erosion of natural deposits **Inorganic Contaminants** 7. Antimony 2007\* .0005 1 Ppb 6 6 Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder 8. Arsenic #3 2007\* .0005 No Range Ppb N/A 50 Erosion of natural 2006\* .796 deposits; runoff from orchards; runoff from glass and electronics production wastes 10. Barium #3 N 2007\* .008483 No Range ppm 2 Discharge of drilling wastes: 2006\* .008072 discharge from metal

|                                  |        |                |                    |          |     |     |        | refineries: erosion of natural deposits   |
|----------------------------------|--------|----------------|--------------------|----------|-----|-----|--------|---|
| 11. Beryllium #3                 | N      | 2007*          | .0001              | No Range | Ppb | 4   | 4      |   |
| 12. Cadmium #3                   | N      | 2007*          | .0001              | No Range | Ppb | 5   | 5      | Corrosion of galvanized<br>pipes: erosion of natural<br>deposits: discharge from<br>metal refineries: runoff from<br>waste batteries and paints |
| 13. Chromium #3<br>#2            | N      | 2007*<br>2006* | .0005<br>.002419   | No Range | ppb | 100 | 100    | Discharge from steel and pulp<br>mills; erosion of natural<br>deposits  |
| 14. Copper                       | N      | 2008           | 0.1                | 0        | ppm | 13  | AL=1.3 | Corrosion of household<br>plumbing systems; erosion of<br>natural deposits; leaching<br>from wood preservatives                                 |
| 16. Fluoride #3<br>#2            | N      | 2007*<br>2006* | .206<br>.259622    | 0        | ppm | 4   | 4      | Erosion of natural deposits;<br>water additive which<br>promotes strong teeth;<br>discharge from fertilizer and<br>aluminum factories           |
| 17. Lead                         | N      | 2008           | 2                  | 0        | ppb | 0   | AL=15  | Corrosion of household plumbing systems, erosion of natural deposits  |
| 18. Mercury #3 (inorganic)       | N      | 2007*          | .0002              | No Range | Ppb | 2   | 2      | Erosion of natural deposits:<br>discharge from refineries and<br>factories: runoff from<br>landfills: runoff from<br>cropland                   |
| 19. Nitrate(as #3<br>Nitrogen)   | N      | 2008           | .08                | No Range | Ppm | 10  | 10     | Runoff from fertilizer use:<br>leaching from septic tanks,<br>sewage: erosion of natural<br>deposits  |
| 20. Nitrite (as #3<br>Nitrogen)  | N      | 2008           | .02                | No Range | Ppm | 1   | 1      | Runoff from fertilizer use:<br>leaching from septic tanks,<br>sewage: erosion of natural<br>deposits  |
| 21.Selenium #3<br>#2             | N      | 2007*<br>2006* | .000626<br>.002070 | No Range | ppb | 50  | 50     | Discharge from petroleum and metal refineries: erosion of natural deposits: Discharge from mines  |
| 22. Thallium #3                  | N      | 2007*          | .0005              | 0        | Ppm | 2   | 2      | Leaching from ore-processing<br>sites: discharge from<br>electronics, glass, and drug<br>factories  |
| Disinfectant                     | By Pro | ducts          |                    |          |     |     |        |   |
| 73. TTHM [Total trihalomethanes] | N      | 2008           | 1.23               | None     | ppb | 0   | 100    | By-product of drinking water chlorination   |

| HAA5            | N | 2004* | .024 | No Range  | ppm  | 0   | .060 | By-product of drinking water chlorination |
|-----------------|---|-------|------|-----------|------|-----|------|---|
| Chlorine(asCl2) | N | 2008  | 0.94 | 0.42 0.94 | MG/I | N/A | 4    | Water Additives; used to control microbes |

#### **Volatile Organic Contaminants**

|      |                |     |       |      |          | <del></del> |    | 4.0 |                           |
|------|----------------|-----|-------|------|----------|-------------|----|-----|---------------------------|
| 11 ' | 76. Xylenes #3 | N   | 2008  | 5    | No Range | ppb         | 10 | 10  | Discharge from petroleum  |
| 1    |                | - 1 | 2006* | .882 |          | 1 * *       |    |     | factories; discharge from |
| Ш    | #2             |     | 2000* | .002 | į        | l l         |    |     | l                         |
| 11   |                |     |       |      | İ        | ĺ           |    |     | chemical factories        |
| Ħ    |                |     |       |      |          | 1           |    |     | 1                         |

\*Most Recent Sample Results Available

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Harmony Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerened about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking water Hotline or at <a href="http://www.epa.gov/safewater/lead">http://www.epa.gov/safewater/lead</a>. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

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#### \*\*\*\*A MESSAGE FROM MSDH CONCERING RADIOLOGICAL SAMPLING \*\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

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#### Annual Drinking Water Quality Report Harmony Water Association, Inc. June, 2009

RECEIVED-WATER SUPPLY

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request.

We're pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Daniel Dearman at 601-776-2593 or 118 Long Blvd. Quitman. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the third Monday of every month at 4:30 PM at the Harmony Water Association office, and our annual meeting is held the third Monday of October. You will receive a notice of location and time.

Harmony Water Association routinely monitors for 154 constituents in your drinking water according to federal and state laws. This table shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2008. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

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Action Level - The concentration of a contaminant which, if exceeded, triggers water treatment or other requirements which a water system must follow.

### PWS # 120018 Elwood - Lower Wilcox Aquifer Lower susceptibility to contamination

|                   |                  |                   |                   | TEST R   | ESULTS              |      |     |  |
|-------------------|------------------|-------------------|-------------------|--|---------------------|------|-----|--|
| Contaminant       | Violation<br>Y/N | Date<br>Collected | Level<br>Detected | Range of Detects or # of Samples Exceeding MCL/ACL | Unit<br>Measurement | MCLG | MCL | Likely Source of<br>Contamination  |
| Radioactive       | Contam           | inants            |                   |  |                     |      |     |  |
| 5. Alpha emitters | N                | 2002*             | 1.0               | No Range   | PCi/1               | 0    | 15  | Erosion of natural deposits  |
| Inorganic Co      | ontamin          | ants              |                   |  |                     |      |     |  |
| 7. Antimony       | N                | 2008              | .0005             | 1  | Ppb                 | 6    | 6   | Discharge from<br>petroleum refineries;<br>fire retardants;<br>ceramics; electronics;<br>solder                    |
| 8. Arsenic        | N                | 2008              | .0005             | No Range   | Ppb                 | n/a  | 50  | Erosion of natural<br>deposits; runoff from<br>orchards; runoff from<br>glass and electronics<br>production wastes |
| 10. Barium        | N                | 2008              | .011452           | No Range   | ppm                 | 2    | 2   | Discharge of drilling<br>wastes; discharge from<br>metal refineries;<br>erosion of natural<br>deposits             |
| 11. Beryllium     | N                | 2008              | .0001             | No Range   | Ppb                 | 4    | 4   |  |
| 12. Cadmium       | N                | 2008              | .0001             | No Range   | ppb                 | 5    | 5   | Corrosion of galvanized pipes;   |

|                                  |         |          |         |   |      |     |        | erosion of natural<br>deposits; discharge<br>from metal refineries   |
|----------------------------------|---------|----------|---------|---|------|-----|--------|--|
| 13. Chromium                     | N       | 2008     | .000727 | No Range                                | ppb  | 100 | 100    | Discharge from steel<br>and pulp mills; erosion<br>of natural deposits   |
| 14. Copper                       | N       | 2008     | 0.1     | O                                       | ppm  | 1.3 | AL=1.3 | Corrosion of household<br>plumbing systems;<br>erosion of natural<br>deposits; leaching from<br>wood preservatives                       |
| 16. Fluoride                     | N       | 2008     | .102    | 0                                       | ppm  | 4   | 4      | Erosion of natural<br>deposits: water additive<br>which promotes strong<br>teeth: discharge from<br>fertilizer and aluminum<br>factories |
| 17. Lead                         | N       | 2008     | 2       | 0                                       | ppb  | 0   | AL=15  | Corrosion of household<br>plumbing systems,<br>erosion of natural<br>deposits  |
| 18. Mercury<br>(inorganic)       | N       | 2008     | .0002   | No Range                                | Ppb  | 2   | 2      | Erosion of natural<br>deposits; discharge<br>from refineries and<br>factories; runoff from<br>landfills; runoff from<br>cropland         |
| 19. Nitrate(as<br>Nitrogen)      | N       | 2008     | .08     | No Range                                | ppm  | 10  | 10     | Runoff from fertilizer<br>use: leaching from<br>septic tanks, sewage:<br>erosion of natural<br>deposits                                  |
| 20. Nitrite(as<br>Nitrogen)      | N       | 2008     | .02     | No Range                                | Ppm  | 1   | 1      | Runoff from fertilizer<br>use: leaching from<br>septic tanks, sewage:<br>erosion of natural<br>deposits                                  |
| 21. Selenium                     | N       | 2008     | .000554 | No Range                                | ppb  | 50  | 50     | Discharge from<br>petroleum and metal<br>refineries; erosion of<br>natural deposits;<br>discharge from mines                             |
| 22. Thallium                     | N       | 2008     | .0005   | 0                                       | Ppm  | 2   | 2      | Leaching from ore-<br>processing sites;<br>discharge from<br>electronics, glass, and<br>drug factories                                   |
| Disinfection 1                   | By Proc | lucts    |         | *************************************** |      |     |        |  |
| 73. TTHM [Total trihalomethanes] | N       | 2007*    | 1.55    | No Range                                | ppb  | 0   | 100    | By-product of drinking water chlorination  |
| HAA5                             | N       | 2007*    | 20.3    | No Range                                | ppm  | 0   | .060   | By-product of drinking water chlorination  |
| Chlorine(asCl2)                  | N       | 2008     | 1.05    | 0.54 1.07                               | MG/I | N/A | 4      | Water Additives; used to control microbes  |
| Volatile Or                      | ganic ( | Contamii | nants   |   |      |     |        |  |
| 76. Xylenes                      | N       | 2008     | 5       | No Range                                | ppb  | 10  | 10     | Discharge from<br>petroleum factories;<br>discharge from<br>Chemical factories   |

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## PROOF OF PUBLICATION 2009 JUL - 1 AM 9: 02

#### STATE OF MISSISSIPPI **CLARKE COUNTY**

| Before me th                | ne undersigned authority in                           | and for said county  | Clarke                                      | legal clerk of The Clarke   |
|-----------------------------|---|--|---|---|
| County Tribune,             | , a newspaper published in                            | the City of Quitman, Clarked<br>d in said newspaper as follo | e County, Mississippi, beir<br>ows, to-wit: | ng duly sworn says that the notice, a copy                            |
|                             | Dated   | M 78 2009  | Dated                                       | 20  |
|                             | Dated   | 20   | Dated                                       | 20  |
|                             | Dated   | 20   | Dated                                       | 20  |
|                             |   |  | THE CLARKE COUN                             | ITY TRIBUNE   |
|                             |   |  | Ву:   | Bozeman   |
| Sworn to and has been produ | d subscribed before me, a<br>uced before me and compa | nd I, the said Notary Public<br>ared with the copy hereto at | as aforesaid, do certify t                  | hat the newspaper containing said notice e is correct and truly made. |
| Given under                 | my hand and the seal of s                             | said county this the   | <u>80</u> _day                              | of  |
| Printer's Fee               | \$  |  |   | Notary Public   |
| Proof of Pub.               | \$  | _ i k  |   | O   |
| TOTAL                       | \$  | NOTARY PUBLIC Comm Expires May 25, 8013                      |   |   |
|                             |   |  | 7   |   |

# ANNUAL DRINKING WATER QUALITY REPORT HARMONY WATER ASSOCIATION, INC. JUNE 2009

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request.

We're pleased to report that our drinking water meets all federal and state requirements.

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PWS # 120016-#2 #3 #4\$andy Basin & Hwy 514 Wells - Lower Wilcox Aquifer

| Contaminant                                   | Violation | Date                   | Level                         | Range of   | Unit        | MCLG | MCL  | Likely Source of   |
|---|-----------|------------------------|-------------------------------|--|-------------|------|------|--|
|   | Y/N       | Collected              | Detected                      | Detects or<br># of Samples<br>Exceeding<br>MCL/ACL | Measurement |      |      | Contamination  |
| Radioactive Contamin<br>4. Beta/photon emitte |           | 1998*                  | 3.6                           | No Range   | PCi/I       |      | 0    | 50 Decay of natural a  |
| Inorganic Contaminan                          |           |                        |                               | 250  |             |      |      |  |
| 7. Antimony #2<br>#3<br>#4                    | Z         | 2008<br>2007*<br>2007* | .0005                         | 1  | Ppm         |      |      | Discharge from petrole<br>refineries; fire retardants<br>ceramics; electronics;<br>solder  |
| 8. Arsenic #2<br>#3<br>#4                     | N         | 2008<br>2007*<br>2007* | .0005                         | No Range   | Ppb         | -    | la   | 50 Erosion of natural<br>deposits; runoff from<br>orchards; runoff from<br>glass and electronics<br>production wastes                    |
| 10: Barium #2<br>#3<br>#4                     | 2         | 2008<br>2007*<br>2007* | .006971<br>.001189<br>.126472 | No Range   | Ppm         |      |      | 2 Discharge of drilling<br>wastes; discharge from<br>metal refineries; erosion<br>of natural deposits                                    |
| 11. Beryllium #2<br>#3<br>#4                  | N         | 2008<br>2007*<br>2007* | .0001                         | No Range   | Ppb         |      | 4    | Discharge from meta<br>refineries and coal-<br>burning factories:<br>discharge from electrica<br>aerospace, and defense<br>industries    |
| 12. Cadmium #2<br>#3<br>#4                    | N         | 2008<br>2007*<br>2007* | .0001<br>.0001<br>.0001       | No Range   | Ppb         |      |      | Corrision of galvanize     Pipes: erosion of natura     deposits: discharge fror     metal refineries:                                   |
| 13. Chromium #2<br>#3<br>#4                   | N         | 2008<br>2007*<br>2007* | .0005<br>.0005<br>.0005       | No Range   | Ppb         | 10   | b    | 100 Disarge from steel an<br>pulp mills; erosion of<br>natural deposits  |
| 14. Copper #2<br>#3<br>#4                     | N         | 2008                   | 0.2                           | 0  | ppm         |      | 3 AL | =13 Corrosion of househ<br>plumbing systems; eros<br>of natural deposits;<br>leaching from wood<br>preservatives                         |
| 16. Fluoride #2<br>#3<br>#4                   | N         | 2008<br>2007*<br>2007* | .01<br>.01<br>.01             | 0  | ppm         | 4    |      | Erosion of natural<br>deposits; water additive<br>which promotes strong<br>teeth; discharge from<br>fertilizer and aluminum<br>factories |
| 17. Lead #2<br>#3<br>#4                       | N         | 2008                   | 2                             | 0  | ppb         | (    | AL=  |  |
| 18. Mercury #2<br>(inorganic) #3<br>#4        | N         | 2008<br>2007*<br>2007* | .0002                         | No Range   | Ppb         |      |      | 2 Erosion of natural<br>deposits: discharge for<br>refineries and factories:<br>runoff from landfills:<br>runoff from cropland           |
| 19. Nitrate(as #2<br>Nitrogen) #3<br>#4       | N         | 2008                   | .08                           | No Range   | Ppm         | 10   |      | 0 Runoff from fertilizer us<br>leaching from septic<br>tanks, sewage: erosion<br>natural deposits  |
| 20. Nitrite(as #2<br>Nitrogen #3<br>#4        | N         | 2008                   | .02                           | No Range   | Ppm         |      | 1    | Runoff from fertilize<br>leaching from septic<br>tanks, sewage: erosion<br>natural deposits  |
| 21. Selenium #2<br>#3<br>#4                   | N         | 2008<br>2007*<br>2007* | .000676<br>.0005<br>.0005     | No Range   | ppb         | 5    |      | 50 Discharge from petro<br>and metal refineries;<br>erosion of natural<br>deposits; discharge from<br>mines                              |
|   | ·         |                        | 1 0000                        |  |             | 1000 | L    |  |

| 20. Nitrite(as #2<br>Nitrogen #3<br>#4         | N | 2008                   | .02                       | No Range  | Ppm      | 1   | Runoff from fertilize<br>leaching from septic<br>tanks, sewage: erosior<br>natural deposits                |
|--|---|------------------------|---------------------------|-----------|----------|-----|--|
| 21. Selenium #2<br>#3<br>#4<br>22. Thallium #2 | N | 2008<br>2007*<br>2007* | .000676<br>.0005<br>.0005 | No Range  | ppb      | 50  | 50 Discharge from petro<br>and metal refineries;<br>erosion of natural<br>deposits; discharge fro<br>mines |
| #3<br>#4                                       | N | 2008<br>2007*<br>2007* | .0005                     | 0         | Ppm      |     | Leaching from ore-<br>processing sites: disch<br>from electronics, glass,<br>and drug factories            |
| Disinfectant By Product                        |   |                        |                           |           | <u> </u> |     | L  |
| 59. p-Dichlorobenzene                          | N | 2006*                  | 0.80                      | No Range  | Ppb      | 0   | 100 By-product of drinkin water chlorination   |
| HAA5   | N | 2006*                  | .060                      | No Range  | Ppm      | 0   | 50 By-product of drinki<br>water chlorination  |
| Chlorine(asCl2)                                | N | 2008                   | 0.57                      | 0.51 0.58 | Mg/L     | n'a | 4 Water Additives; use control microbes  |

| Volatile Organic Co | ntaminants        |        |  |
|---------------------|-------------------|--------|--|
| 76. Xylenes N       | 2008 0.5 No Range | Ppm 10 | 10 Discharge from  |
|                     |                   |        | petroleum factories;<br>discharge from<br>chemical factories |

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CONTINUED ON PAGE 11A

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#### THE CLARKE COUNTY TRIBUNE THURSDAY, JUNE 25, 2009

| Contaminant                              | Viola<br>Y/N |      |                            |          | RESULTS                 |      |     | A       |   |
|--|--------------|------|----------------------------|----------|-------------------------|------|-----|---------|---|
|  |              |      | p. 20. 20. 10. 10. 10. 10. |          |                         |      |     |         |   |
| Radioactive Contami                      |              |      | Level<br>Detecti           |          | Unit<br>Measuremer<br>s | MCLG |     | MCL     | Likely Source of<br>Contamination   |
| 5. Alpha emitters<br>Inorganic Contamina | _ N          | 2002 | 1.0                        | No Range | PCi/1                   |      | 1 2 |         |   |
| 7. Antimony                              | ints N       | 2008 | Loose                      |          |                         |      | 0   |         | 15 Erosion of natural   |
|  |              |      | .0005                      | 1        | Ppb                     |      | 6   |         | 6 Discharge from petro<br>refineries; fire retardant<br>ceremics; electronics;  |
| 8. Arsenic                               | N            | 2008 | .0005                      | No Range | Ppb                     |      | n/a |         | 50 Erosion of natural<br>deposits; runoff from<br>orchards; runoff from   |
| 10. Barium                               | N            | 2008 | .01145                     | 2 NRange | ppm                     |      |     |         | glass and electronics<br>production wastes  Discharge of drilling<br>wastes; discharge from<br>metal refineries; erosion  |
| I1. Beryllium                            | N            | 2008 | .0001                      | No Range | Ppb                     |      | 4   |         | A Discharge from metal refineries and coal-burning factories:   |
| 2. Cadmium                               | N            | 2008 | .0001                      | No Range | ppb                     |      | 5   |         | discharge from electrical aerospace, and defense industries  5 Corrosion of galvani pipes;  |
| 3. Chromium                              | N            | 2008 | .000727                    | Mange    | ppb                     | 100  |     |         | erosion of natural<br>deposits; discharge from<br>metal refineries  |
| 1. Copper                                | N            | 2008 |                            |          |                         | Ĭ    |     | 10      | Discharge from steel ar<br>pulp mills; erosion of   |
| Fluoride                                 | N.           | 2008 | 0.1                        | 0        | ppm                     |      | 3   | AL=     | natural deposits  3 Corrosion of househo plumbing systems; erosio of natural deposits; leaching from wood   |
|  |              |      | .102                       | 0        | ppm                     | 4    |     |         | preservatives 4 Erosion of natural deposits: water additive which promotes strong leeth: discharge from fertilizer and aluminum   |
| Lead                                     | N            | 2008 | 2                          | 0        | ppb                     | C    | )   | AL=     | 15 Corrosion of household   |
| Mercury (inorganic                       | N            | 2008 | .0002                      | No Range | Ррь                     | 2    |     |         | plumbing systems, erosion<br>of natural deposits<br>2 Erosion of natural<br>deposits, discharge from<br>refineries and factories;<br>runoff from landfills,<br>runoff from cropland |
| Nitrate(as<br>ogen)<br>Vitrite(as        | N            | 2008 | .08                        | No Range | <b>p</b> p              | 10   |     | 10      | Runoff from fertilizer use<br>leaching from septic<br>tanks, sewage: erosion of<br>natural deposits   |
| vinte(as<br>vgen)<br>Selenium            | N            | 2008 | .02                        | No Range | Ppm                     | 1    |     |         | Runoff from fertilizer use<br>eaching from septic<br>anks, sewage: erosion o  |
|  | 18           | 2008 | .000554                    | Range    | opb                     | 50   |     | 50<br>8 | natural deposits  Discharge from petroleur and metal refineries; refineries; refineries; refineries; refineries; refineries; refineries; refineries;                                |

| i. TTHM<br>otal trihatomethanes<br>NAS                      | l n              | 2007-             | 20.3               | No Range   | ppm         |       | 0        |                 | water chlorination<br>.060 By-product of drinking   |
|---|------------------|-------------------|--------------------|--|-------------|-------|----------|-----------------|---|
| nlorine(asCl2)  | N                | 2008              | 1.05               | 0.54 1.07  | MG/I        |       | N/A      |                 | water chlorination  4 Water Additives; used control microbes  |
| olatile Orga  | nic Co           | ntamina           | nts                |  |             |       |          |                 |   |
| 3. Xylenes  | N                | 2008              | 5                  | No Range   | ppb         |       | 10       |                 | 10 Discharge from petrol<br>factories; discharge from<br>Chemical factories   |
|   |                  |                   | 1                  |  |             |       |          |                 |   |
|   | PW               | VS # 12000.       |                    | ? & #3 - <b>H</b> arr<br>derate suscep                         |             |       |          | er.             |   |
|   |                  |                   |                    | TEST   | RESULTS     |       | MCI      |                 | Likely Source of Contamination  |
| Contaminant   | Violation<br>Y/N | Date<br>Collected | Level<br>Detected  | Range of<br>Detects or<br># of Samples<br>Exceeding<br>MCL/ACL | Measuremeni | MICLO | WCI      |                 | Likely Source of Contamination  |
| Radioactive Contamina<br>4. Beta/photon emitter             |                  | 2002*             | 0.80               | No Range   | РСИ         |       | 0        |                 | 50 Decay of natural and man-<br>deposits  |
| 5. Alpha emitters<br>norganic Contaminant                   |                  | 2002*             | 1.0                | No Range   | PCi/1       |       | 0        |                 | 15 Erosion of natural deposits  |
| 7. Antimony   | N                | 2007*             | ,0005              | 1  | Ppb         | •     | 3        | ,               | arg@ifrdm petroleum<br>refineries; fire retardants;<br>ceramics; electronics; solder  |
| 3. Arsenic #3<br>#2   | N                | 2007*<br>2006*    | .0005<br>.796      | No Range   | Ppb         | N/A   |          | 5               | deposits; runoff from<br>orchards; runoff from<br>glass and electronics   |
| 10. Barium #3<br>#2   | N                | 2007*<br>2006*    | .008483<br>.008072 | No Range   | ppm         |       |          |                 | production wastes  Discharge of drilling wastes: discharge from metal refineries  |
| 11. Beryllium #3  | N                | 2007*             | .0001              | No Range   | Ppb         | 4     |          | 4               | erosion of natural deposits Discharge from metal refineries and coal-burning factories: discharge from electrical, aerospace, and defense industr |
| I2. Cadmium #3  | N                | 2007*             | ,0001              | No Range   | Ppb         | . 5   |          | 5               | Corrosion of galvanized pipes:<br>erosion of natural deposits:<br>discharge from metal refinenes:<br>runoff from waste batteries and<br>paints    |
| 13. Chromium #3<br>#2                                       | N                | 2007*<br>2006*    | .0005<br>.002419   | No Range   | ррь         | 101   |          | 10              | mills; erosion of natural deposits  |
| 14. Copper  | N                | 2008              | 0.1                | 0  | ppm         |       | 1.3      | AL              | Corrosion of household plu<br>systems; erosion of natural<br>deposits; leaching from wood<br>preservatives     Erosion of natural deposits; we    |
| 16. Fluoride #3<br>#2                                       | N                | 2007*<br>2006*    | .206<br>.259622    | 0  | ppm         |       |          |                 | additive which promotes strong<br>teeth; discharge from fertilizer<br>and aluminum factories  |
| 17. Lead  | N<br>*           | 2008              | 2                  | 0  | ppb         |       | 0        | AL:             | 15 Corrosion of household plur<br>systems, erosion of natural<br>deposits   |
| 18. Mercury #3<br>(inorganic)                               | N                | 2007*             | .0002              | No Range   | Ppb         |       | 2        |                 | 2 Erosion of natural deposits:<br>discharge from refineries and<br>factories: runoff from landfills:<br>runoff from cropland                      |
| 19. Nitrate(as #3<br>Nitrogen)                              | N                | 2008              | .08                | No Range   | Ppm         | 10    |          | 10              | Runoff from fertilizer use:<br>leaching from septic tanks,<br>sewage: erosion of natural<br>deposits  |
| 20. Nitrite (as #3<br>Nitrogen)                             | N                | 2008              | .02                | No Range   | Ppm         |       | 1        |                 | Runoff from fertilizer use:<br>leaching from septic tanks,<br>sewage: erosion of natural<br>deposits  |
| 21.Selenium #3<br>#2  | N                | 2007*<br>2006*    | .000626<br>.002070 | No Range   | ppb         | - 50  |          | 50              | Discharge from petroleum and metal refineries: erosion of natural deposits. Discharge from mines  |
| 22. Thallium #3   | N                | 2007*             | .0005              | 0  | Ppm         |       | 2        | 2               | Leaching from ore-processing sites: discharge from electronics glass, and drug factories  |
| Disinfectant By Produc<br>73. TTHM<br>Total trihalomethanes | ts<br>N          | 2008              | 1.23               | None   | ppb         |       | 0        | William Control | 60 By-product of drinking water chlorination  |
| HAA5  | N                | 2004*             | .024               | No Range   | ppm         |       | 0        | .060            | By-product of drinking water chlorination   |
| Chlorine(asCl2)   | N                | 2008              | 0.94               | 0.42 0.94  | MG/I        | N/    | <u> </u> |                 | 4 Water Additives; used to co<br>microbes   |
| Volatile Orga   |                  |                   |                    | No Pages   | Long        | T a   |          |                 | 10 Discharge from petroleum   |
| 6. Xylenes #3<br>#2   | N                | 2008<br>2006*     | .882               | No Range   | ppb         |       |          |                 | factories, discharge from chemical factories  |
|   | Most Rece        | nt Sample Res     | ults Available     |  |             |       | No and   |                 |   |

#### HARMONY WATER **CONTINUED FROM PAGE 10A**

PWS # 120028 - North Enterprise-Lower Wilcox Aquifer Lower susceptibility contamination

TEST RESULTS

| Contaminant  | Violation<br>Y/N | Date<br>Collected | Level<br>Detected | Range of<br>Detects or<br># of Samples<br>Exceeding<br>MCL/ACL | Unit<br>Measuremer | MCLG      | <b>WCL</b> | Likely Source of<br>Contamination   |
|--|------------------|-------------------|-------------------|--|--------------------|-----------|------------|---|
| Radioactive Contamina<br>5. Alpha emitters                   | N                | 2002*             | 1.0               | No Range   | PCI/1              | 194.50,35 | 0          | 15 Erosion of natural   |
| Inorganic Contaminant<br>7. Antimony                         | N                | 2008              | .0005             | 1  | Ppm                |           | 6          | 6 Discharge from petrefineries; fire retarden ceramics; electronics;  |
| 8. Arsenic   | N                | 2008              | .0005             | No Range   | Ррь                |           | ya .       | solder 50 Erosion of natural deposits; runoff from orchards; runoff from glass and electronics  |
| 10. Barium   | N                | 2008              | ,016987           | No Range   | Ppm                |           | 2          | 2 Discharge of drilling wastes; discharge from metal refineries; erosion  |
| 11. Beryllium  | N                | 2008              | .0001             | No Range   | Ррь                | 4         |            | of natural deposits  4 Discharge from metal refineries and coal-burning factories; discharge from electric aerospace, and defens industries |
| 12. Cadmium  | N                | 2008              | .0001             | No Range   | Ppb                |           | 5          | 5 Corrosion of galva<br>pipes;<br>erosion of natural<br>deposits; discharge fro<br>metal refineries   |
| 13. Chromium   | ··N              | 2008              | .000533           | No Range   | Ppb                | 10        | 9          | 100 Disarge from steel a<br>pulp mills; erosion of  |
| 14. Copper   | N                | 2008              | 0.3               | 0  | Ppm                |           | 3          | natural deposits  AL=1.3 · Corrosion of house plumbing systems; ero of natural deposits; leaching from wood preservatives                   |
| 16. Fluoride   | N                | 2008              | 0.1               | 0  | Ppm                |           | 4          | 4 Erosion of natural<br>deposits; water additive<br>which promotes strong<br>teeth; discharge from<br>fertilizer and aluminum<br>factories  |
| 17. Lead   | N                | 2008              | 2                 | 0  | ppb                |           | 0          | AL=15 Corrosion of house<br>plumbing systems, ero<br>of natural deposits  |
| 18. Mercury (inorganic                                       | N                | 2008              | .0002             | No Range   | Ppb                |           | 2          | 2 Erosion of natural<br>deposits; discharge fro<br>refineries and factories<br>runoff from landfills;<br>runoff from cropland               |
| 19. Nitrate(as<br>Nitrogen)                                  | N                | 2008              | .08               | No Range   | Ppm                | 1         | <b>0</b>   | Rumarom fertilizer us<br>leaching from septic<br>tanks, sewage: erosion<br>natural deposits   |
| 20. Nitrile(as<br>Nitrogen)                                  | N                | 2008              | .02               | No Range   | Ppm                | 1         |            | Runoff from fertilizer to<br>leaching from septic<br>tanks, sewage: erosion<br>natural deposits   |
| 21. Selenium   | N                | 2008              | .0005             | Range  | ррб                | - 50      |            | 50 Discharge from petro<br>and metal refineries;<br>erosion of natural<br>deposits; discharge fro<br>mines                                  |
| 22. Thallium   |                  | 2008              | .0005             | 0  | Ppm                |           | 2          | Leaching from ore-<br>processing sites; disch<br>from electronics, glass,<br>and drug factories   |
| Disinfection By Product<br>73. TTHM<br>Total trihalomethanes | s<br>N           | 2006*             | .080              | No Range   | ppb                |           | 0          | 100 By-product of drinki<br>water chlorination  |
| HAA5   | N                | 2006*             | .060              | No Range   | ppm                |           | 0          | .050 By-product of drinki<br>water chlorination   |
| Chlorine(asCl2)  | N                | 2008              | 0.42              | 0.40 0.43  | Mg/L               | N         |            | Water Additives; use control microbes   |
| Volatile Orga  | nic Co           | ntaminar          | nts               | ,  |                    | •         |            |   |
| 76. Xylenes  | N                | 2008              | -5                | No Range   | Ppb                |           | 10         | 10 Discharge from pet<br>factories; discharge from<br>chemical factories  |

PWS # 120028 - North Enterprise- Lower Wilcox Aquifer
We are required to monitor your drinking water for specific constituents on a monthly basis.
Results of regular monitoring are an indicator of whether or not our drinking water meets health
standards. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH)
required public water systems that use chlorine as a primary disinfectant to monitor/ test for
chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. Our water system
failed to complete these monitoring requirements in January 1 2006 through January 31
2006. We did complete the monitoring requirements for bacteriological sampling that showed
no coli form present. In an effort to ensure systems complete all monitoring requirements,
MSDH now notifies system of any missing samples prior to the end of the compliance period.